

03-19-01

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JC985 U.S. PTO

Please type a plus sign (+) inside this box → ☐

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PTO/SB/05 (12/97)			
Approved for use through 9/30/00 OMB 0651-0032			
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE			
Attorney Docket No.	2807 2 20	Total Pages	72
First Named Inventor or Application Identifier			
John N Hart			
Express Mail Label No.	EL75129072650		

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

0971 U.S. PTO  
09/810679  
03/16/01

### APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

- ☒ Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)
- ☒ Applicant claims small entity status See 37 CFR 1.27
- ☒ Specification *Total Pages*   
(preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross References to Related Application
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
- ☒ Drawing(s) (35 USC 113) *[Total Sheets]*
- Oath or Declaration *[Total Pages]* 
  - ☒ Newly executed (original or copy)
  - ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)  
*[Note Box 5 below]*
    - ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s)  
named in prior application, see 37 CFR 1.63(d)(2)  
and 1.33(b).
- ☐ Incorporation by Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy  
of the oath or declaration is supplied under Box 4b is considered  
as being part of the disclosure of the accompanying application  
and is hereby incorporated by reference therein.

### Assistant Commissioner for Patents

ADDRESS TO: **Box Patent Application**  
**Washington, DC 20231**

- ☐ Microfiche Computer Program (Appendix)
- Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - ☐ Computer Readable Copy
  - ☐ Paper Copy (identical to computer copy)
  - ☐ Statement verifying identify of above copies


### ACCOMPANYING APPLICATION PARTS

- ☐ Assignment Papers (cover sheet & document(s))
- ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
- ☐ English Translation Document (if applicable)
- ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
- ☐ Preliminary Amendment
- ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
- ☐ Small Entity ☐ Statement filed in prior application,  
Statement(s) Status still proper and desired
- ☐ Certified Copy of Priority Document(s)  
if foreign priority is claimed
- ☒ Other: Express Mail Certificate

18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information.

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:

### 18. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label  28049 ☐ Correspondence address below

PATENT TRADEMARK OFFICE

NAME	Hal D Baird				
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Please type a plus sign (+) inside this box → ☐

PTO/SB/05 (12/97)

Approved for use through 9/30/00 OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# FEE TRANSMITTAL

Note: Effective October 1, 1997.  
Patent fees are subject to annual revision

## Complete If Known

Application Number

Filing Date

March 16, 2001

First Named Inventor

John N. Hait

Group Art Unit

Examiner Name

Attorney Docket Number

2807.2.20

TOTAL AMOUNT OF PAYMENT

\$364.00

## METHOD OF PAYMENT (check one)

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to.

Deposit Account

Number

Deposit Account

Name

☐ Charge Any Additional  
Fee Required Under  
37 CFR 1.16 and 1.17

☐ Charge the Issue Fee  
In 37 CFR at the Mailing  
of the Notice of Allowance

2. ☒ Payment Enclosed:

☒ Check ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	355
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	
SUBTOTAL (1)					355

### 2. CLAIMS

Total Claims	Extra	Fee from below	Fee Paid
21 -20 =	1	9	9
Ind. Claims 2 -3 =	0		0
Multiple Dep. Claims	0		0

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim
109	80	209	40	Reissue independent claims over original patent
110	18	210	9	Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

9

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2520	147	2520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1840*	113	1840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1390	218	695	Extension for reply within fourth month	
128	1890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1510	138	1510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - intentional	
141	1240	241	620	Petition to revive - unintentional	
142	1240	242	620	Utility issue fee	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR 1.129(b))	

Other fee (specify) \_\_\_\_\_

Other fee (specify) \_\_\_\_\_

SUBTOTAL (3)

\*Reduced by Basic Filing Fee

## SUBMITTED BY

Typed or Printed Name Hal D. Baird

Signature

*Hal D. Baird*

Date

Mar 16, 2001

## Complete (if applicable)

Reg Number

42,284

Deposit Account  
User ID

Burden Hour Statement. This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PATENT APPLICATION  
Docket No.: 2807.2.20

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

"Express Mail" Mailing Label No.: EL751290650US

Date of Deposit: March 16, 2001



I hereby certify that this patent application in the name of John N. Hait for "HYPER-DENSE PHOTONIC SIGNAL APPARATUS," together with sixteen (16) sheets of drawings; Declaration, Power of Attorney and Petition; transmittal letter; fee transmittal letter; and Check No. 1859 for \$364.00, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above in an envelope addressed to Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231.

Respectfully submitted,

A handwritten signature in cursive script that reads "Hal D. Baird".

Hal D. Baird  
Reg. No. 42,284  
Attorney for Applicant

Date: March 16, 2001

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